

except that var. *garhwalensis* Babu et Chandra is characterised by 1-2-pinnate leaves with broadly ovato-lanceolate, sharply serrate to rarely lobulate ultimate leaf segments or leaflets in contrast to 2-3 pinnate leaves with narrowly lanceolate, coarsely incised-serrate or pinnatifid ultimate leaf-segments of the former.

CENTRAL NATIONAL HERBARIUM,
BOTANICAL SURVEY OF INDIA,
HOWRAH-3.

C. R. BABU
S. CHANDRA

July 6, 1970.

38. A NOTE ON THE OCCURRENCE OF *PHALLUS HADRIANII* VENT. EX PERS. IN INDIA

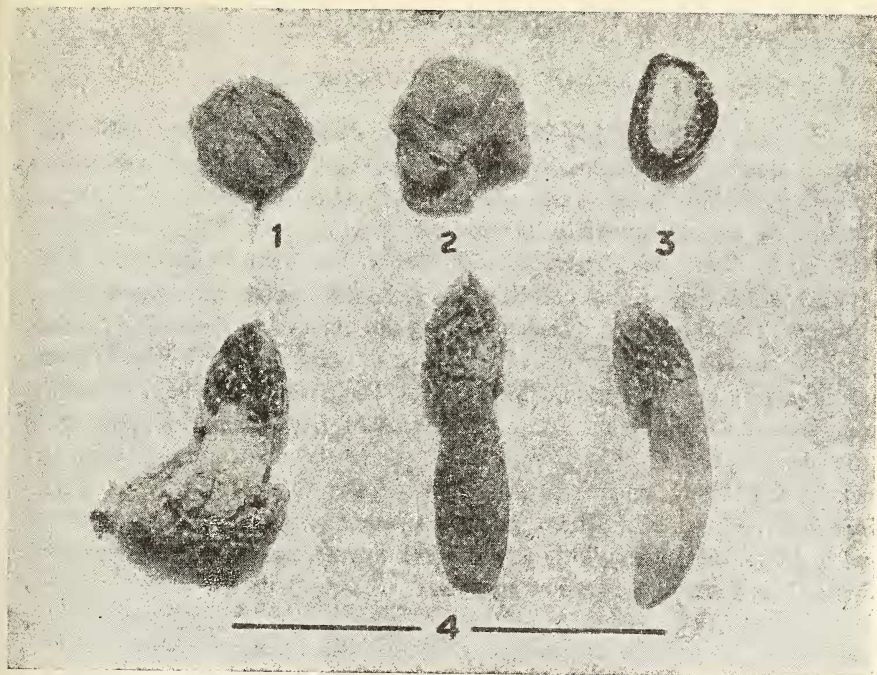
(With a photo)

During a survey of mushrooms in the Kashmir valley one interesting Phalloid was collected from Srinagar. The specimen was sent to Dr. D. M. Dring of Royal Botanic Garden, Kew, England, who determined it as *Phallus hadrianii* Vent. ex Pers. Tiwari & Khare (1968)¹ while reporting on two interesting Phalloids from Uttar Pradesh, India, have suggested the study of a large number of collections to establish the range of variation in the species, in this relatively little studied group in India. The description of the specimen which is also a new distribution record for the species in India is being given in this note.

Phallus hadrianii Vent. ex Pers. Syn. Method. Fung.; 246, 1801.

Expanded fructification (Fig. 4) consisting of a gelatinous volva, an elongated stipe and a pileus, 6-10 cm. high; *Pileus* conical and attached round the raised perforated white ring (0.5-1 cm. wide) which terminates the stem; bears the blackish fetid gleba, the exposed surface deeply reticulated with large chambers (3-6 mm. in diam.), white, 2-4 cm. long, covering a thin veil; stipe hollow, white, cylindrical, 4-8 cm. tall, 1.5 to 2.5 cm. in diameter at the swollen portion, tapering above and below, spongy, honeycombed (meshes 0.5-1 mm. in diam.); *volva* cup-shaped, thick, wrinkled, and enclosing a thick basal veil; *spores*, smooth, greenish yellow, elliptical, $1.2-1.8 \times 3.3-4\mu$.

¹ TIWARI, V. P. & KHARE, K. B. (1968): Two interesting Phalloids from Uttar Pradesh. *Ind. Phytopath.* 21 (4): 374-378.



Figs. 1-4: 1. *Phallus hadrianii* Vent. ex-Pers. unexpanded fructification with rhizomorph $\times \frac{1}{2}$; 2. Slightly opened fructification $\times \frac{1}{2}$; 3. Dissected egg $\times \frac{1}{2}$; 4. Expanded plants $\times \frac{1}{2}$.

Unexpanded fructification (Figs. 1-3) 2.5-4 cm. in diameter, globose, isolated, pinkish, wrinkled, gelatinous, pliant, with a short pinkish rhizomorph at the base, rupturing in the beginning into a bluish egg-shaped structure.

Collected on wet soil at the base of *Robinia pseudoacacia*, Sanat Nagar, Srinagar (5,200 ft.)

T. N. Kaul and J. L. Kachroo, 28. iv. 1969, RRLS. No. 8.

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